

### ABSTRACT OF THE DISCLOSURE

Methods are provided for the treatment of pulmonary hypertension and other conditions associated therewith. In particular, the methods include treatment of pulmonary hypertension with estradiol metabolite or estradiol metabolite associated with biodegradable microparticles or nanoparticles alone or in combination with another therapeutic agent. Preferred estradiol metabolites include 2-methoxyestradiol, 4-methoxyestradiol, 2-hydroxyestradiol, and 4-hydroxyestradiol, and/or to synthetic derivatives and analogues thereof or prodrugs thereof. The compositions may also be in the form of a controlled release formulation.